

REMARKS

Claims 1-19 are pending in the above-identified application. Support for new claims 9-19 and the changes to claim 1 is found at pages 8-13 of the specification as well as the Examples described therein. It is submitted that the changes to the claims, specification and abstract include no new matter and are all fully supported by the original disclosure of this application.

Issues under 35 U.S.C. § 103(a)

Claims 1-8 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Peker '642 (USP 5,896,642). This rejection is traversed for the following reasons.

Distinctions between Present Invention and Peker '642

Peker '642 discloses a metallic article formed by bulk-solidifying and amorphous metallic alloy having certain glass transition temperature properties. The metallic article may be used to make a golf club head (60) as shown in Figure 6 and described in connection with Example 1 at column 8. The preferred bulk-solidifying amorphous metallic alloy is Zr plus Ti (45-67%), Be (10-35%), and Cu plus Ni (10-38%) as noted at column 4, lines 13-43. Another preferred type of alloy is Zr plus Hf (25-85%), Al (5-35%), and Cu, Fe, Co and Mn (5-70%).

Peker '642 fails to disclose a golf club head which has a hitting face formed by a metallic material with the recited Young's modulus and a Vickers hardness ranges recited in the claims. Peker '642 also fails to disclose or suggest the relationship between the Young's modulus and tensile strength properties recited in claim 1, or the relationship between the Vickers hardness and Young's modulus properties recited in claim 5, for example. It is submitted that Peker '642 fails to provide an adequate basis to select the properties recited in the present claims, such that significant patentable distinctions exist between the present claims and Peker '642.

It is submitted for the reasons stated above that the present claims define patentable subject matter such that this application should be placed into condition for allowance.

If any questions remain regarding the above matters, please contact Applicants representative Andrew D. Meikle, in the Washington Metropolitan area, at the phone number listed below.

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicant(s) respectfully petition(s) for a two (2) month extension of time for filing a reply in connection with the present application, and the required fee of \$\$380.00 is attached hereto.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any


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overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By

  
Andrew D. Meikle, #32,868

ADM/mar  
0229-0532P  
ATTACHMENT

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000